

AMENDMENTS TO THE CLAIMS

This listing of claims will replace all prior versions and listings of claims in the application:

1. (Previously Presented) A hand held device comprising:

a processor that controls a display device of the hand held device;
a motion sensor mounted on a circuit board;
wherein, the motion sensor is coupled to the processor and senses movement of the hand held device in more than one plane of motion and the movement is used by the processor to control the display device;
wherein the motion sensor includes an accelerometer chip mounted at a first non-zero angle to a first plane parallel to the circuit board such that the accelerometer chip is slanted with respect to the circuit board.
2. (Previously Presented) A hand held device as recited in claim 1, wherein, the accelerometer chip is further mounted at a second non-zero angle with respect to a second plane perpendicular to the circuit board.
3. (Previously Presented) A hand held device as recited in claim 1, wherein the device is a personal digital assistant (PDA).
4. (Previously Presented) A hand held device as recited in claim 1 wherein the first non-zero angle between the accelerometer chip and the circuit board is selected to decrease the Z footprint of the hand-held device.

5. (Currently Amended) A hand held device as recited in claim 1 wherein the movement of said ~~hand-held~~ hand held device controls an orientation of an object displayed on said display device.
6. - 7. (Cancelled)
8. (Previously Presented) A hand held device as recited in claim 1, wherein the first non-zero angle is a slanted angle between the accelerometer chip and the circuit board.
9. - 24 (Cancelled)
25. (Previously Presented) A hand-held device, comprising:
a processor that controls a display device of the hand-held device;
an accelerometer chip coupled to the processor;
wherein, the accelerometer chip is mounted on a circuit board in the hand-held device in a slanted fashion that is neither flat nor perpendicular with respect to the circuit board;
wherein, the accelerometer chip senses movement of the hand-held device in more than one plane of motion and the movement is used by the processor to control the display device.
26. (Previously Presented) The hand-held device of claim 25, wherein movement of said hand-held device controls an orientation of an object displayed on said display device.

27. (Previously Presented) The hand-held device of claim 25, wherein:
the accelerometer chip is mounted at an angle θ with respect to a plane parallel to the circuit board;
wherein, the angle θ is non-zero and non-orthogonal with respect to the plane parallel to the circuit board.
28. (Previously Presented) The hand-held device of claim 27, wherein, the angle θ is selected to sense movement of the hand-held device in more than one plane of motion.
29. (Previously Presented) The hand-held device of claim 27, wherein, the angle θ is selected to optimize height of the hand-held device.
30. (Previously Presented) The hand-held device of claim 25, wherein:
the accelerometer chip is mounted at an angle ϕ with respect to a plane perpendicular to the circuit board;
wherein, the angle θ is non-zero and non-orthogonal with respect to the plane perpendicular to the circuit board.
31. (Previously Presented) The hand-held device of claim 30, wherein, the angle ϕ is selected to sense movement of the hand-held device in more than one plane of motion.
32. (Previously Presented) The hand-held device of claim 30, wherein, the angle ϕ is selected to optimize height of the hand-held device.

33. (Previously Presented) A device, comprising:
a display;
a processor that controls the display of the device;
a motion sensor mounted on a circuit board;
wherein, the motion sensor is coupled to the processor and senses movements of the hand-held device in more than one plane of motion and the movements are used by the processor to control an orientation of an object viewed on said display device;
wherein the motion sensor includes an accelerometer chip mounted at an angle θ with respect to a first plane parallel to the circuit board;
wherein, the angle θ is non-zero and non-orthogonal.
34. (Previously Presented) The hand-held device of claim 33, wherein:
the accelerometer chip is mounted at an angle ϕ with respect to a plane perpendicular to the circuit board;
wherein, the angle θ is non-zero and non-orthogonal.
35. (Previously Presented) The hand-held device of claim 34, wherein: wherein the angle θ and the angle ϕ are selected to decrease a Z footprint of the device.
36. (Previously Presented) The hand-held device of claim 34, wherein: wherein the angle θ and the angle ϕ are selected to optimize a size of the device.
37. (Previously Presented) The device of claim 31, wherein, the motion sensor is embedded in the device.
38. (Previously Presented) The device of claim 31, wherein, the motion sensor is coupled to the device via an add-on attachment.